## SEQUENCE LISTINC20 RecopeTIPTO 1 4 OCT 2009

<110> TAISEI CORPORATION

<110> AJINOMOTO CO., INC.

<120> GENE THAT IMPARTS SALT STRESS TOLERANCE

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<150> JP2003-113194

<151> 2003-04-17

<150> JP2004-075932

<151> 2004-03-17

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<170> PatentIn Ver. 2.1

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<213> Seashore Paspalum

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			ме t 1	nia	116	Gly	5 5	ніа	Glu	міа	Gly	10	Gly	Gly	піа	
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Val	Val	Asp	Asn	Phe	His	s Asn	Ser	Val	Pro	Glu	ı Ala	ı Leu	ı Glı	ı Arg	Val	
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Arg	Leu	lle			Pro	) Ala	Leu			n Arg	g Leu	ı Asp			Arg	
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agg tac gac gcc gtc gtc cac ttc gcg ggg ctc aag gcc gtc ggg gag

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Val	Glu	Asp	Ser	Lys	Leu	Gln	Ala	Ala	Asn	Pro	Tyr	Gly	Arg	Thr	Lys	
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ctc	atc	ctg	gag	gag	ttg	gcg	cgg	gac	tac	cag	cgc	gcg	gac	ccg	ggc	697
Leu	Ile	Leu	Glu	G1u	Leu	Ala	Arg	Asp	Tyr	Gln	Arg	Ala	Asp	Pro	Gly	
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Trp	Ser	Ile	Val	Leu	Leu	Arg	Tyr	Phe	Asn	Pro	Ile	Gly	Ala	His	Ser	
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793

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Tyr	Gly	His	Asp	Tyr	Pro	Thr	Arg	Asp	Gly	Thr	Ala	Ile	Arg	Asp	Tyr	
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0 † 0		at a	a+ o	~~~	a + &	~~~	~~~	~~~~		ata		~~~	o + ~			027
														aac		937
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gcg acg gag gtt tac gcg tcc act gag aag gcc gaa agg gag ctc gga 1129

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Trp Arg Ala Gln Tyr Gly Ile Glu Glu Met Cys Arg Asp Gln Trp Asn

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85

90

95

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Arg Pro Asp Met Tyr Tyr Glu Asn Asn Leu Ala Gly Thr Ile Asn Leu

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Ser Lys Leu Gln Ala Ala Asn Pro Tyr Gly Arg Thr Lys Leu Ile Leu 165 170 175

Glu Glu Leu Ala Arg Asp Tyr Gln Arg Ala Asp Pro Gly Trp Ser Ile 180 185 190

Val Leu Leu Arg Tyr Phe Asn Pro Ile Gly Ala His Ser Ser Gly Glu 195 200 205

Ile Gly Glu Asp Pro Lys Gly Val Pro Asn Asn Leu Leu Pro Tyr Ile
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Gln Gln Val Ala Val Gly Arg Leu Pro Glu Leu Asn Val Tyr Gly His
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Asp Tyr Pro Thr Arg Asp Gly Thr Ala Ile Arg Asp Tyr Ile His Val

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Val Asp Leu Ala Asp Gly His Ile Ala Ala Leu Asn Lys Leu Phe Asp
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Thr Ser Val Leu Glu Met Val Ala Ala Phe Lys Lys Ala Ser Gly Lys 7/21

290 295 300

Glu Ile Pro Thr Lys Met Cys Pro Arg Arg Pro Gly Asp Ala Thr Glu
305 310 315 320

Val Tyr Ala Ser Thr Glu Lys Ala Glu Arg Glu Leu Gly Trp Arg Ala

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330
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166 gcg gtg ctt cgt acc atc ctt gtg acg ggc ggc gcc ggc tac atc ggc Ala Val Leu Arg Thr Ile Leu Val Thr Gly Gly Ala Gly Tyr Ile Gly 5 10

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Gln	Leu	Ala	Ala	Ser	S~~											
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aag	gtt	gac	ctt	cgc	gac	agg	cac	gcg	ctg	gag	gac	atc	ttc	tcc	tcc	358
Lys	Val	Asp	Leu	Arg	Asp	Arg	His	Ala	Leu	Glu	Asp	Ile	Phe	Ser	Ser	
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cac	agg	ttt	gag	gct	gtg	att	cat	ttt	gct	ggg	ctc	aaa	gct	gtt	ggc	406
His	Arg	Phe	Glu	Ala	Val	Ile	His	Phe	Ala	Gly	Leu	Lys	Ala	Val	Gly	
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gag	agc	gtg	cag	aag	ccg	ctg	ctt	tac	tac	gac	aac	aac	ctc	atc	ggc	454
Glu	Ser	Val	Gln	Lys	Pro	Leu	Leu	Tyr	Tyr	Asp	Asn	Asn	Leu	Ile	Gly	
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Thr	Ile	Thr	Leu	Leu	Glu	Val	Met	Ala	Ala	His	Gly	Cys	Lys	Lys	Leu	
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160

Cys Thr Glu Glu Phe Pro Leu Cys Ala Thr Asn Pro Tyr Gly Arg Thr

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Met	Pro	Tyr	Val	Gln	Gln	Val	Ala	Val	Gly	Arg	Arg	Pro	His	Leu	Thr	
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Val	Tyr	G1y	Thr	Asp	Tyr	Asn	Thr	Lys	Asp	Gly	Thr	Gly	Val	Arg	Asp	
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aag	gtt	tct	ggc	aag	aaa	atc	cct	ctg	gtg	ctt	gct	ggg	cga	aga	cct	1030
Lys	Val	Ser	Gly	Lys	Lys	Ile	Pro	Leu	Val	Leu	Ala	Gly	Arg	Arg	Pro	
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Gly	Asp	Ala	Glu	Ile	Val	Tyr	Ala	Ala	Thr	Ala	Lys	Ala	Glu	Lys	Glu	
		310					315					320				
ctg	aaa	tgg	aag	gcc	aag	tac	ggg	att	gaa	gag	atg	tgc	aga	gac	cag	1126
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Asn	Ser	Ser														
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                                 25
                                                     30
Val Val Val Asp Asn Leu Asp Asn Ala Ser Asp Val Ala Leu Ala
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                             40
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                         55
                                             60
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Val Phe His Lys Val Asp Leu Arg Asp Arg His Ala Leu Glu Asp Ile

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Phe Ser Ser His Arg Phe Glu Ala Val Ile His Phe Ala Gly Leu Lys

85 90 95

Ala Val Gly Glu Ser Val Gln Lys Pro Leu Leu Tyr Tyr Asp Asn Asn

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Leu Ile Gly Thr Ile Thr Leu Leu Glu Val Met Ala Ala His Gly Cys
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Lys Lys Leu Val Phe Ser Ser Ser Ala Thr Val Tyr Gly Trp Pro Lys

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Glu Val Pro Cys Thr Glu Glu Phe Pro Leu Cys Ala Thr Asn Pro Tyr

145 . 150 . 160

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Ser Asp Pro Asp Trp Lys Ile Ile Leu Leu Arg Tyr Phe Asn Pro Val
180 185 190

Gly Ala His Pro Ser Gly His Ile Gly Glu Asp Pro Ser Gly Ile Pro 195 200 205

Asn Asn Leu Met Pro Tyr Val Gln Gln Val Ala Val Gly Arg Arg Pro
210 215 220
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His Leu Thr Val Tyr Gly Thr Asp Tyr Asn Thr Lys Asp Gly Thr Gly
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Val Arg Asp Tyr Ile His Val Val Asp Leu Ala Asp Gly His Ile Ala
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Ala Leu Gly Lys Leu Tyr Glu Asp Ser Asp Arg Ile Gly Cys Glu Val
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Tyr Asn Leu Gly Thr Gly Lys Gly Thr Ser Val Leu Glu Met Val Ala
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Arg Arg Pro Gly Asp Ala Glu Ile Val Tyr Ala Ala Thr Ala Lys Ala 305 310 315 320

Glu Lys Glu Leu Lys Trp Lys Ala Lys Tyr Gly Ile Glu Glu Met Cys

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330

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**<400>** 17

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